

# PERMIT-Subsurface Sewage Disposal



**Public Health**  
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**Idaho Public Health Districts**

**Panhandle Health District**

**322 MARION  
SANDPOINT, ID 83864  
(208) 265-6384**

Permit # : 09-09-119526  
Date : 10/18/2010  
Parcel # : RP55N03W241356A  
Doc ID # :

Applicant's Name: DAVID & NANCY RATHGEBER

Owners Name: DAVID & NANCY RATHGEBER

Property Address: 683 FISH CREEK RD , COCOLALLA, ID 83813

Legal Description	Township 55N	Range 03W	Section 24
Subdivision:	Lot	Block	Size(acres): 9.5

Type of Installation	Type of System (check all that apply)			Water Supply
<input checked="" type="checkbox"/> New System <input type="checkbox"/> Expansion <input type="checkbox"/> Repair <input type="checkbox"/> Tank Only	<input type="checkbox"/> Absorption Bed <input type="checkbox"/> Capping Fill <input type="checkbox"/> Central System <input type="checkbox"/> Composting Toilet <input checked="" type="checkbox"/> Drip Distribution <input checked="" type="checkbox"/> ETPS	<input type="checkbox"/> Gravelless Drainfield <input type="checkbox"/> Gray Water Sump <input type="checkbox"/> Gray Water System <input type="checkbox"/> Holding Tank <input type="checkbox"/> Incinerator Toilet <input type="checkbox"/> Individual Lagoon <input type="checkbox"/> Intermittent SF <input type="checkbox"/> Intrench SF <input type="checkbox"/> LSAS <input type="checkbox"/> Pit Privy	<input type="checkbox"/> Pressurized DF <input type="checkbox"/> Recirculating GF <input type="checkbox"/> RV Dump Station <input type="checkbox"/> Sand Mound <input type="checkbox"/> Seepage Pit <input type="checkbox"/> Steep Slope Drainfield <input type="checkbox"/> Two Cell Lagoon <input type="checkbox"/> Vault Privy <input type="checkbox"/> Other (see below)	<input checked="" type="checkbox"/> Private <input type="checkbox"/> Shared <input type="checkbox"/> Public
<input type="checkbox"/> Basic System <input checked="" type="checkbox"/> Complex System	<input type="checkbox"/> Experimental <input type="checkbox"/> Extra Drainrock <input type="checkbox"/> Evapotranspiration <input type="checkbox"/> Gravel Drainfield			Water Source  <input checked="" type="checkbox"/> Well - proposed <input type="checkbox"/> Spring

## Condition of Approval:

Drainfield is sized for 500 gallons per day flow (owner requested drainfield be sized for maximum capacity based on available area). This permit is being issued for 2 structures, 1-2 bedroom and 1-1 bedroom (existing). Each structure will have a minimum 1000 gallon septic tank for retention, all pump chambers will be a minimum of twice the daily flows (1000 gallon pump chamber). Place in the areas shown on the approved engineered plans dated 9/29/10. - 7/29/10 *all*

System will consist of pre-treatment to drip distribution. Trench depth shall be 12 inches with a minimum 6 inch cap. Follow instruction on engineered plans. If the need arises to change to an opposing manifold in the initial system area, submit the revised plans. Owner has selected the Advantex unit for pretreatment. Recorded O/M and membership agreements on file. Any changes to the pre-treatment type will result in the need to resubmit either engineered drawings and/ or operation/ maintenance/membership documents.

The design engineer is required to complete a final installation and operation inspection, provide record drawings. Contact PHD for final inspection as well.

Existing system must be abandoned after completion and connection of new system.

Water Service lines must be double encased if located within 25 feet of a drainfield.

Sewer lines / Effluent Lines must be double encased under roadways.

No parking, driving, structures or livestock over the drainfield or replacement area.

Manufacturer's Recommendations must be followed on all components.

Maintain all separation distances listed on the permit and / or listed within the Technical Guidance Manual for Individual Subsurface Sewage Disposal.

Drainfield must be located in the area of testholes 2A and below 5A.

## Tank:

Distance of tank from dwelling foundation - 5 feet minimum

Distance of tank from private well - 50 feet minimum

Distance of tank from public well - 100 feet minimum

Distance of tank from private water lines - 10 feet minimum

Distance of tank from public water lines - 25 feet minimum

Distance of tank from permanent or intermittent surface water - 50 feet minimum

Distance of tank from temporary surface water - 25 feet minimum

## Drainfield:

Distance of drainfield from property line - 5 feet minimum

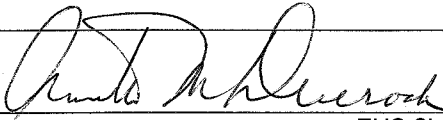
Distance of drainfield from dwelling foundation/slab - 10 feet minimum

Distance of drainfield from dwelling basement - 20 feet minimum  
 Distance of drainfield from well - 100 feet minimum  
 Distance of drainfield from septic tank - 6 feet minimum  
 Distance of drainfield from water lines - 25 feet minimum  
 Distance of drainfield from permanent or intermittent surface water - 200 feet minimum  
 Distance of drainfield from temporary surface water - 50 feet minimum  
 Distance of effluent lines from well - 50'

(1)-1 bedroom (150 gpd) and (1) – 2 bedroom (200 gpd)	Bedrooms
Design Flow	500 Gallons Per Day
Soil Type (USDA) B-2 Loading Rate 0.45	Adjusted Loading Rate
The minimum septic tank capacity is:	1000 Gallons
The minimum effective drainfield absorption area is:	1111 Square Feet
The drainfield can be no closer to permanent/intermittent surface water than:	200 Feet

**Note: (Final approval of this permit requires inspection of the uncovered system.)**

All plans, specifications, and conditions contained in the approved permit application are hereby incorporated into, and are enforceable as part of the permit. The permit will expire one (1) year from date of issuance. The permit may be renewed if the renewal is applied for on or before the expiration date.



EHS Signature

ANNETTE  
 DUEROCK  
 EHS

10/18/2010

Date